GFM560

GSM Ready V.90/56K Fax/Modem PC Card

A wire & wireless Combo communication PC Card
The GSM Ready V.90/56K Fax/Modem PC Card brings a truly high speed, easy-to-use, portability, and mobility into your fingertips. No matter where you are on the road or in the office, the GFM560 can almost connect you to anywhere the electronic media exists: E-mail, FAX, and Internet

FEATURES
- Major GSM handsets support.
- Microsoft Plug and Play compatible.
- Easy Installation procedures on both GSM and Fax/Modem.
- Major operating systems support on both GSM and Fax/Modem.
- Internal DAA with standard 15-pin detachable interface connector plus RJ-11 cable for direct connection to the telephone wall outlet.
- Digital line protection design guards the modem against connecting to high-current digital PABX.
- Low power consumption and automatic sleep mode to extend PC battery life.

GSM Operating Mode Specifications:
GSM Modem
- Data Transparent rate 300 - 9,600 bps
- Non-transparent, uses Radio Link Protocol (GSM 04.22)
- UDI Support

GSM FAX
- Group 3, Class 1, ECM (Error Correction Mode)
- Fax Speed : 2400 - 9600 bps

GSM SMS (Short Message Service)
- Mobile Terminated (MT), Mobile Originated (MO)
  According to ETSI 07.07 & 07.05 Standards, PDU Mode
  Up to 160 symbols, Ready for CONCAT Mode

GSM Commands
- Hayes AT (GSM 07.07 & 07.05)

GSM Mobile Phones Supported
- Ericsson, Nokia
  More to be announced

GSM Operative System Support
- Windows 98, Windows 95, Windows NT

Analog Modem Operating Mode Specifications
Modem Operating Protocol
- V.90 (Up to 56,000 bps, download)
- K56Flex (Up to 56,000 bps download)
- V.34 + (Up to 33,600 bps)
- V.32 bis(14,400/12,000/9,600/7,200 bps)
- V.32 (9600/4800 bps)
- V.22 bis (2,400 bps)
- V.23 (1,200 TX/75 RX bps)
- V.22/Bell 212A (1,200 bps)
- V.21/Bell 103 (300 bps)

Error Correction protocol
- V.42 and MNP Class 2 to 4

Data Compression Protocol
- V.42 bis and MNP Class 5

Fax Compatibility
- Group 3 Send and Receive
- EIA Class 1 Fax Commands
- ITU-T V.17 up to 14,400 bps
- ITU-T V.29 up to 9,600 bps
- ITU-T V.27ter up to 4,800 bps
- ITU-T V.21 Channel 2 up to 300 bps

Dialing Capability
- DTMF tone and rotary pulse

Diagnostic
- Power-up self-test
- Local analog loopback test
- Local digital loopback test
- Remote digital loopback test

Call Progress Monitoring
- Dial tone, busy tone, and ring-back detection

Fax/Modem Command
- Hayes compatible AT command set

Analog Operative Systems Support
- Windows 98/ 95, Windows CE, Windows NT 3.x & 4.x, Windows 3.x, Windows 2000, DOS, and more

Power Consumption
- Operating Mode: 186 mA
- Sleep Mode: 18.5 mA